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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration  
Submitted  
With Initial  
Filing

OR

☒ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket No.

AM 100246-00

First Named Inventor

Kazuhiro Takagi, et al.

**COMPLETE IF KNOWN**

Application Number

Filing Date

Group Art Unit

Examiner Name

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ANT Controllers and Method for Application Thereof.

*(Title of the Invention)*

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 37 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
PCT/US00/17895	WO	06/28/2000	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB02B attached hereto:

[Page 1 of 3]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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## DECLARATION – Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number  Or Bar Code Label ☐ Correspondence address below

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State

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Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like o made are punishable by fine or imprisonment, or both, under 1`8 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any] Kazuhiro

Family Name  
Or Surname Takagi

Inventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

ZIP

Country

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any] Yasuhiro

Family Name  
Or Surname Wada

Inventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

ZIP

Country

☐ Additional inventors are being named on the \_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB02A attached hereto.

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# DECLARATION

## ADDITIONAL INVENTOR(S)

### Supplemental Sheet

Page 3 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Rikio		Family Name Or Surname Yamaguchi	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Recordation Form Cover Sheet  
Patents Only

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Kazuhiro Takagi  
Yassuhiro Wada  
Rikio Yamaguchi**

Additional name(s) of conveying party(ies) attached:

☐ Yes

☒ No

2. Name and address of receiving party(ies):

**BASF Aktiengesellschaft  
Carl-Bosch-Strasse 38  
D-67056 Ludwigshafen, Germany**

Additional name(s) and address(es) attached:

☐ Yes

☒ No

3. Nature of conveyance:

☒ Assignment

☐ Other

Execution Date: January 16, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application Number(s): 10/019,481

B. Patent Number(s):

Additional numbers attached?

☐ Yes

☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Susan A. Shaw

Intellectual Property Department  
**BASF CORPORATION**  
3000 Continental Drive - North  
Mount Olive, New Jersey 07828-1234  
Telephone No. (973) 426 - 3293  
Facsimile No. (973) 426 - 3285

6. Total number of applications and patents involved: 1
7. Total Fee (37 CFR 3.41): \$40.00  
☐ Enclosed  
☒ Authorized to be charged to deposit account.
8. Deposit Account Number: 02-1197

(Attach duplicate copy of this page if paying by deposit account).

9. Statement and Signature:  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Barbara V. Maurer  
Barbara V. Maurer Reg. No. 31,278

3/22/02  
Date

FEE VALUE	
ACCOUNT NO.	
DEPOSIT ACCOUNT NO.	
02	1197
FEE	VALUE
CASE	NUMBER
586	40.00

Total number of pages including cover sheet, attachments, and documents: (not including additional copy of this cover sheet for deposit account charging purposes.)

## Assignment of Application

AM100,246

WHEREAS, I (WE)

*Kazuhiro Takagi, 4-12-10-1124, Kitahorie, Nishi-ku, Osaka-shi, Osaka-fu, Japan*  
*Citizen of Japan*

*Yasuhiro Wada, 3-952-7, Higashiikejiri, Osakasayama-shi, Osaka-fu, Japan*  
*Citizen of Japan*

*Rikio Yamaguchi, 2-5-202, Honmachi, Kawachinagano-shi, Osaka-fu, Japan*  
*Citizen of Japan*

respectively, have invented certain new and useful improvements in

ANT CONTROLLERS AND METHOD FOR APPLICATION THEREOF

for which an application for Letters Patent was executed on

(Application No. \_\_\_\_\_, filed \_\_\_\_\_), and

WHEREAS, *BASF Aktiengesellschaft (hereinafter referred to as "ASSIGNEE")*, having a place of business at *67056 Ludwigshafen, Germany*, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

FURTHER, I (WE) agree that I (WE) will communicate to said ASSIGNEE, or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries

The undersigned hereby grant(s) the firm of **BASF Corporation**, Patent Department; 3000 Continental Drive-North, Mount Olive, NJ 07828-1234 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AM100,246

Date: January 16, 2002

Kazuhiro Takagi  
(Signature of Inventor) Kazuhiro Takagi

Date: January 16, 2002

Yasuhiro Wada  
(Signature of Inventor) Yasuhiro Wada

Date: January 16, 2002

Rikio Yamaguchi  
(Signature of Inventor) Rikio Yamaguchi